

Table C-69. Federal obligations for basic research performed at universities and colleges in physical and environmental sciences, by selected agency and detailed field of science: fiscal year 1999

[Dollars in thousands]

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,124,000	172,549	309,749	538,582	103,120	652,883	187,975	143,181	232,612	89,115
Departments:										
Department of Agriculture, total	9,115	0	9,039	76	0	1,087	1,059	28	0	0
Agricultural Research Service	1,648	0	1,572	76	0	109	107	2	0	0
Cooperative State Research, Education, & Extension Service	7,317	0	7,317	0	0	548	548	0	0	0
Forest Service	150	0	150	0	0	430	404	26	0	0
Department of Defense, total	84,994	2,117	34,796	43,031	5,050	71,609	7,340	2,431	61,612	226
Department of the Air Force	22,137	0	11,812	10,325	0	0	0	0	0	0
Department of the Army	9,050	0	4,182	4,398	470	2,111	979	906	0	226
Department of the Navy	25,821	0	8,944	12,297	4,580	59,319	4,099	0	55,220	0
Defense Agencies, total	27,986	2,117	9,858	16,011	0	10,179	2,262	1,525	6,392	0
Washington Headquarters Svcs	27,986	2,117	9,858	16,011	0	10,179	2,262	1,525	6,392	0
Department of Energy	314,893	0	46,494	268,399	0	64,044	21,165	28,064	2,905	11,910
Dept of Health & Human Svcs, total	80,028	0	77,285	2,743	0	14,309	0	0	0	14,309
National Institutes of Health	80,028	0	77,285	2,743	0	14,309	0	0	0	14,309
Other agencies:										
National Aeronautics & Space Admin	212,186	129,568	7,214	58,113	17,291	167,105	83,765	23,696	8,332	51,312
National Science Foundation	422,784	40,864	134,921	166,220	80,779	334,729	74,646	88,962	159,763	11,358

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1999.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001